

# *Project Baseline Summary Report*

Data Source: **EM CDB**

Operations/Field Office: **Savannah River**

Site Summary Level: **Savannah River Site**

Project **SR-IN08 / High Level Drain Lines Line Item**

Report Number: **GEN-01b**

Print Date: **3/9/2000**

HQ ID: **0107**

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## **General Project Information**

### **Project Description Narratives**

#### **Purpose, Scope, and Technical Approach:**

Definition of Scope: The scope of this project is completed in early FY 1998 and the line item associated with this project is in closure.

1 Technical Approach: The scope of this project is completed in early FY 1998 and the line item associated with this project is in closure.

#### **Project Status in FY 2006:**

Project complete

#### **Post-2006 Project Scope:**

None

#### **Project End State**

Project complete and turned over to operations.

#### **Cost Baseline Comments:**

The scope of this project is completed in early FY 1998 and the line item associated with this project is in closure. All TEC is appropriated for the line item and minimal OPC is required in FY98 to facilitate completion and project closure.

#### **Safety & Health Hazards:**

The Infrastructure Program facilitates use of Site general areas and provides for maintenance of common shared services such as roads, bridges, utility facilities, central sanitary facilities and etc. Infrastructure supports facilities that have chemical and radiological hazards, but does not generally participate in their control and monitoring. For Infrastructure, typically only those hazards associated with work at an industrial facility are present.

The current scope of this project is expected to complete in early FY 1998. All TEC funding to execute the current scope has been appropriated and there is only minimal OPC funding required in FY 1998 to complete and close the project. Consequently, a safety and health hazard analysis has not been prepared for this project.

#### **Safety & Health Work Performance:**

Activities and check points are described by the Integrated Management System Description. The conditions and requirements are clearly established and agreed upon prior to the starting of any project and those requirements are contractually binding upon WSRC. The key elements of the WSRC Integrated Safety Program are to define the scope of work, identify and analyze hazards associated with the work, develop and implement hazard controls, perform work within controls, and provide feedback on adequacy of controls and continue to improve safety management. The WSRC Integrated Procedures Management System is the primary mechanism for implementing the objective, principles and functions of the Safety Management System. This system establishes Company-Level, Division-level, and Program-specific procedures consistent with organizational roles, and ensures a consistent, discipline site-wide approach to safety while performing work. The resource description, costs and skill mix are defined in

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## Project Description Narratives

the following Sections: Costs D.2.2 and D.3, FTEs D. 2.5 and 2.7 of this document.

### PBS Comments:

The scope of this project is completed in early FY 1998 and the line item associated with this project is in closure.

### Baseline Validation Narrative:

Project reviews are completed annually through the DOE-HQ Line Item validation process.

## General PBS Information

**Project Validated?** **Date Validated:**

**Has Headquarters reviewed and approved project?** No

**Date Project was Added:** 12/1/1997

**Baseline Submission Date:** 7/3/1999

**FEDPLAN Project?** Yes

|                 |               |             |              |            |               |              |                   |              |
|-----------------|---------------|-------------|--------------|------------|---------------|--------------|-------------------|--------------|
| <b>Drivers:</b> | <b>CERCLA</b> | <b>RCRA</b> | <b>DNFSB</b> | <b>AEA</b> | <b>UMTRCA</b> | <b>State</b> | <b>DOE Orders</b> | <b>Other</b> |
|                 |               | Y           |              |            |               |              | Y                 |              |

## Project Identification Information

**DOE Project Manager:** A. C. Doswell

**DOE Project Manager Phone Number:** 803-725-5543

**DOE Project Manager Fax Number:**

**DOE Project Manager e-mail address:** alice.doswell@srs.gov

**Is this a High Visibility Project (Y/N):**

## Planning Section

### Baseline Costs (in thousands of dollars)

|                  |                  |                  |             |               |             |               |             |             |             |             |             |             |             |             |
|------------------|------------------|------------------|-------------|---------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>1997-2006</b> | <b>2007-2070</b> | <b>1997-2070</b> | <b>1997</b> | <b>Actual</b> | <b>1998</b> | <b>Actual</b> | <b>1999</b> | <b>2000</b> | <b>2001</b> | <b>2002</b> | <b>2003</b> | <b>2004</b> | <b>2005</b> | <b>2006</b> |
| <b>Total</b>     | <b>Total</b>     | <b>Total</b>     |             | <b>1997</b>   |             | <b>1998</b>   |             |             |             |             |             |             |             |             |

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## Baseline Costs (in thousands of dollars)

|   | 1997-2006<br>Total | 2007-2070<br>Total | 1997-2070<br>Total | 1997  | Actual<br>1997 | 1998          | Actual<br>1998 | 1999          | 2000          | 2001          | 2002          | 2003          | 2004          | 2005          | 2006          |               |
|---|--------------------|--------------------|--------------------|-------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| PBS Baseline (current<br>year dollars)        | 2,634              | 0                  | 2,634              | 2,212 | 2,212          | 422           | 422            |               | 0             | 0             | 0             | 0             | 0             | 0             | 0             |               |
| PBS Baseline<br>(constant 1999<br>dollars)    | 2,634              | 0                  | 2,634              | 2,212 | 2,212          | 422           | 422            |               | 0             | 0             | 0             | 0             | 0             | 0             | 0             |               |
| PBS EM Baseline<br>(current year dollars)     | 2,634              | 0                  | 2,634              | 2,212 | 2,212          | 422           | 422            |               | 0             | 0             | 0             | 0             | 0             | 0             | 0             |               |
| PBS EM Baseline<br>(constant 1999<br>dollars) | 2,634              | 0                  | 2,634              | 2,212 | 2,212          | 422           | 422            |               | 0             | 0             | 0             | 0             | 0             | 0             | 0             |               |
|   | 2007               | 2008               | 2009               | 2010  | 2011-<br>2015  | 2016-<br>2020 | 2021-<br>2025  | 2026-<br>2030 | 2031-<br>2035 | 2036-<br>2040 | 2041-<br>2045 | 2046-<br>2050 | 2051-<br>2055 | 2056-<br>2060 | 2061-<br>2065 | 2066-<br>2070 |
| PBS Baseline (current<br>year dollars)        | 0                  | 0                  | 0                  | 0     | 0              | 0             | 0              | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             |
| PBS Baseline<br>(constant 1999<br>dollars)    | 0                  | 0                  | 0                  | 0     | 0              | 0             | 0              | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             |
| PBS EM Baseline<br>(current year dollars)     | 0                  | 0                  | 0                  | 0     | 0              | 0             | 0              | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             |
| PBS EM Baseline<br>(constant 1999<br>dollars) | 0                  | 0                  | 0                  | 0     | 0              | 0             | 0              | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             |

## Baseline Escalation Rates

| 1997  | 1998  | 1999 | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  |
|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.00% | 0.00% |      | 3.60% | 3.60% | 2.70% | 2.70% | 2.70% | 2.70% | 2.70% | 2.70% | 2.70% | 2.70% |

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| 2010  | 2011-2015 | 2016-2020 | 2021-2025 | 2026-2030 | 2031-2035 | 2036-2040 | 2041-2045 | 2046-2050 | 2051-2055 | 2056-2060 | 2061-2065 | 2066-2070 |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2.70% | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     |

## Project Reconciliation

### Project Completion Date Changes:

Previously Projected End Date of Project: 11/1/1998

Current Projected End Date of Project: 9/30/1998

Explanation of Project Completion Date Difference (if applicable):

### Project Cost Estimates (in thousands of dollars)

|   |        |  |       |                   |     |
|---|--------|--|-------|-------------------|-----|
| Previously Estimated Lifecycle Cost (1997 - 2070, 1998 Dollars):            | 1,454  | Actual 1997 Cost:  | 2,212 | Actual 1998 Cost: | 422 |
| Previously Estimated Lifecycle Cost of Project (1999 - 2070, 1998 Dollars): | -1,180 | Inflation Adjustment (2.7% to convert 1998 to 1999 dollars): |       |                   | -32 |
| Previously Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):            | -1,212 |  |       |                   |     |

### Project Cost Changes

|   | Cost Adjustments | Reconciliation Narratives   |
|---|------------------|---|
| Cost Change Due to Scope Deletions (-):                       |                  |   |
| Cost Reductions Due to Efficiencies (-):                      |                  |   |
| Cost Associated with New Scope (+):                           |                  |   |
| Cost Growth Associated with Scope Previously Reported (+):    | 1,212            | Changes due to recording actuals for FY 1998 and 1997 versus estimates as was done last year. |
| Cost Reductions Due to Science & Technology Efficiencies (-): |                  |   |
| Subtotal:   | 0                |   |
| Additional Amount to Reconcile (+):                           | 0                |   |
| Current Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars): | 0                |   |

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## Milestones

| Milestone/Activity | Field Milestone Code | Original Date | Baseline Date | Legal Date | Forecast Date | Actual Date | EA | DNFSB | Mgmt. Commit. | Key Decision | Intersite |
|--------------------|----------------------|---------------|---------------|------------|---------------|-------------|----|-------|---------------|--------------|-----------|
| Project Start      | SR-IN08-001          |               | 10/1/1996     |            |               |             |    |       |               |              |           |
| Project Completed  | SR-IN08-002          |               | 9/30/1998     |            |               |             |    |       |               |              |           |

## Milestones - Part II

| Milestone/Activity | Field Milestone Code | Critical Decision | Critical Closure Path | Project Start | Project End | Mission Complete | Tech Risk | Work Scope Risk | Intersite Risk | Cancelled | Milestone Description |
|--------------------|----------------------|-------------------|-----------------------|---------------|-------------|------------------|-----------|-----------------|----------------|-----------|-----------------------|
| Project Start      | SR-IN08-001          |                   |                       | Y             |             |                  |           |                 |                |           |                       |
| Project Completed  | SR-IN08-002          |                   |                       |               | Y           |                  |           |                 |                |           |                       |